

Original/Duplicate/Triplicate CONTRACT CERTIFICATE

No: **1ST & Part Bill**

(For Other Works)

Date.....2018

Division: **Project**

Sub-Division: **Project**

Bill Received No.

Dated

Divisional

Cash Book Voucher No..... Dated.....

Work Code: 001-17-000066 & 002-17-000060

Schedule Docket No. Head of Account: **P3158 (SIP Grant)** Est.Cost: **170.00 lakhs**

Name of Work: "Package-6 a) Providing and fixing furniture and interior works to Mini Vidhana Soudha at Yelahanka in Ward No.01 b) Construction of Additional Floor over existing Samudhaya Bhavana Near Venugopal Swamy Temple in Ward No.02

Name of Contractor and Full Address: **Sri D.K.Nagaraj, (Prop of DKN & Associates)**

Reference to Agreement No.EE/Project/AG No /13/2018-19 Date:07-08-2018

Reference to Work Order No.EE(Project)/W.O/13/2018-19 Date:07-08-2018

Certified that the measurements were taken by me on **28-12-2018**, and recorded of Pages **17809 to 17836** of measurement Book No.**04/2017-18** and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on **28.12.2018** and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-Division Officer

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being percent Rs.....
- 3) " " Balance
- 4) Deduct Payment:
 - a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - b) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - c) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - d) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - e) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - f) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - g) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - h) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - i) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - j) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - k) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - l) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - m) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - n) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - o) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - p) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - q) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - r) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - s) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - t) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - u) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - v) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - w) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - x) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - y) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - z) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
- 5) Balance being unpaid value of work done held in reserve.
- 6) Deduct cash advance made on the Office cash Book Voucher No.....dated.....less adjustments.
- 7) Net amount due to or from Contractor
- 8) Advance to Contractor for materials brought to site (as detailed) within.
- 9) Value of Government materials supplied.

Amount adjusted	74,17,588 - 00
17	74176 - 00
Cey	74176 - 00
CBF	7418 - 00
LR	12304 - 00
CYST	66228 - 00
SGST	66228 - 00
Adj	3,00,530 - 00
Cheque	71,17,058 - 00
Total amount adjusted	71,17,058 - 00

Contractor's Signature

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

audited & Admitted for Rs. **74,17,588 - 00** (For use in the Office)

Witness

- 1.
- 2.

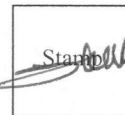
Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment



71,17,058 - 00 by Cheque
and Rs. **3,00,530 - 00** by Adjustment

Accts. Supdt.
Project Division
B.B.M.P.
Executive Engineer
Project Division
B.B.M.P.

	Unit	Quantity	Measurement		Present Measurement			Total Up to Date	
			Qty	Cost	Qty	Rate	Cost	Qty	Cost
61									
	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.47 cum with superplasticiser @3lts confirming to S9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels, beams, retaining walls, return wall, walls (an thick ness) including attached plasters, columns, pillars, posts, struts, butters, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Second Floor	Cum	9.88		9.88	7612.95	75215.97	9.88	75215.97
62									
	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete for beams, staircase, and roof with M-25. Second Floor	Cum	24.01		24.01	7139.72	171424.63	24.01	171424.63
63									
	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Second floor	Sqm	61.60		61.60	442.63	27265.84	61.60	27265.84
64									
	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness 200 mm including cost of all materials, labour complete as per specification. Second floor	Sqm	91.48		91.48	380.24	34783.95	91.48	34783.95
65									
	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Second floor	Sqm	23.58		23.58	313.14	7383.73	23.58	7383.73

Sl. No.	Item Name	Unit	Estimate Quantity	Measurement		Present Measurement			Total Up to Date	
				Qty	Cost	Qty	Rate	Cost	Qty	Cost
66	Providing and removing centering, shuttering, strutting, stripping etc., for chajja, cornices etc., including edges including cost of all materials, labour complete as per specification. Second floor	Sqm	3.24			0.00	329.62	0.00	0.00	0.00
67	Providing and laying in Mat for RCC roof at below the steel for avoiding concrete cement slurry as per the requirement of Engineer incharge. Second floor roof Slab and Stair case	Sqm	84.20			84.19	70.85	5965.14	84.19	5965.14
68	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregates @ 0.391cum, with superplasticiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Second floor	Sqm	2.43			0.00	616.85	0.00	0.00	0.00
69	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. First floor	MT	3.81			3.81	72394.53	275823.16	3.81	275823.16
70	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Ground floor	Sqm	49.19			48.19	1103.04	53149.81	48.19	53149.81
71	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. 2nd Floor	Sqm	143.80			143.80	1173.67	168773.52	143.80	168773.52

Sl No	Item Name	Unit	Estimate Quantity	Previous Measurement		Present Measurement			Total/Total Date	
				Qty	Cost	Qty	Rate	Cost	Qty	Cost
72	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x15x20cms . (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Ground floor	Sqm	32.36			32.36	978.25	31656.27	32.36	31656.27
73	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 N/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x15x20cms . (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. First floor	Sqm	55.59			55.23	1013.57	55981.45	55.23	55981.45
74	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Ground Floor	Sqm	552.71			552.71	260.16	143792.40	552.71	143792.40
75	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications First Floor	Sqm	389.50			389.50	266.05	103625.12	389.50	103625.12
76	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Second Floor	Sqm	210.42			195.04	271.93	53038.53	195.04	53038.53
77	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	802.44			802.44	227.20	182314.05	802.44	182314.05

Sl No	Item Name	Unit	Estimate Quantity	Previous Measurement		Present Measurement			Total Up to Date	
				Qty	Cost	Qty	Rate	Cost	Qty	Cost
78	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grades sand paper, including cost of materials, labour, curing complete as per specifications	Sqm	1955.06			1955.06	65.92	128883.81	1955.06	128883.81
79	Providing 20 mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Ground Floor	Sqm	271.07			269.50	275.46	74236.39	269.50	74236.39
80	Providing 20 mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications First Floor	Sqm	383.13			372.17	287.24	106900.63	372.17	106900.63
81	Providing 20 mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Second Floor	Sqm	525.55			516.20	299.01	154348.46	516.20	154348.46
82	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. 15.53.2 -do- with primer Ground Floor	Sqm	271.07			269.50	177.76	47904.68	269.50	47904.68
83	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. 15.53.2 -do- with primer First Floor	Sqm	383.13			372.17	181.29	67470.07	372.17	67470.07

S/No	Item Name	Unit	Estimate Quantity	Previous Measurement		Present Measurement			Total upto Date	
				Qty	Cost	Qty	Rate	Cost	Qty	Cost
84	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. 15.53.2 -do- with primer Second Floor	Sqm	368.20			368.20	184.82	68050.87	368.20	68050.87
85	Providing and applying painting in two coats with plastic emulsion of approved brand on wall surface to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with primer	Sqm	1152.62			1152.62	105.95	122117.78	1152.62	122117.78
86	Providing and applying painting in two coats with plastic emulsion of approved brand on ceiling surface to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with primer	Sqm	802.44			802.44	110.66	88795.44	802.44	88795.44
87	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour, complete as per specifications.	Nos	18.00			18.00	1240.77	22333.84	18.00	22333.84
88	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.	Cum	0.96			0.50	121080.91	60334.62	0.50	60334.62
89	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 30mm. thick with bottom and lockrails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures)	Sqm	32.11			21.34	4874.79	104008.42	21.34	104008.42

Sl No	Item Name	Unit	Estimate Quantity	Previous Measurement		Present Measurement			Total upto Date	
				Qty	Cost	Qty	Rate	Cost	Qty	Cost
90	Applying priming coat over new wood surface and / or wood based surface after preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specifications	Sqm	40.84			40.84	48.27	1971.15	40.84	1971.15
91	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Sqm	41.79			41.79	98.88	4132.40	41.79	4132.40
92	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	80.89			76.63	96.53	7386.99	76.53	7386.99
93	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm jointed with neat cement slurry mixed with pigments to match shade of granite slabs including laying POP on finished surface and cleaning the surface ,including cost of all materials, motor and labours etc., complete as per specifications. Ground Floor	Sqm	345.72			345.72	2708.74	936464.62	345.72	936464.62
94	Providing and laying granite flooring in combination of 19mm thick (Avg) gang saw cut LAKARD granite with 86% and with 14% of 19mm thick (Avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM1:4 cut to required shape,pattern with paper joints , finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant,grooves in joints including the cost of all materials and labours etc., complete as per specifications. -First Floor	Sqm	365.12			365.12	4383.30	1600432.03	365.12	1600432.03

Sl No	Item Name	Unit	Estimate Quantity		Present Measurement		Total Upto Date	
			Qty	Cost	Qty	Rate	Cost	Qty
95	Providing and laying granite flooring in combination of 10mm thick (Avg) gang saw cut LAKARD granite with 85% and with 14% of 19mm thick (Avg) Black granite in OM 1:4 proportion with a coat of rough plastering using OM 1:4 cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant grooves in joints including the cost of all materials and labours etc; complete as per specifications. Second Floor	Sqm	61.80		61.80	4385.07	270997.33	61.80
96	Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. Ground Floor	Sqm	22.20		22.20	1384.39	30733.40	22.20
97	Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. First Floor	Sqm	3.60		3.60	1386.15	4990.15	3.60
98	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms. Ground Floor	Sqm	49.56		49.56	1746.96	86579.58	49.56

Sl No	Item Name	Unit	Estimate Quantity	Present Measurement		Present Measurement		Total Upto Date	
				Qty	Cost	Qty	Rate	Cost	Qty
99	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms. First Floor	Sqm	19.53			19.53	1748.73	34152.71	19.53
100	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%, 20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide curing etc., complete as per specification. Ground Floor	Sqm	15.48			14.58	6738.29	98244.31	14.58
101	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%, 20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide curing etc., complete as per specification. First Floor	Sqm	16.56			14.58	6740.06	98270.05	14.58
102	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications Ground Floor	Kg	126.00			126.00	91.82	11569.52	126.00
103	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications Second Floor	Kg	170.10			170.10	103.59	17621.27	170.10

Sl No	Item Name	Unit	Fabricate Quantity	Previous Measurement		Present Measurement		Total Up to Date		
				Qty	Cost	Qty	Rate	Cost	Qty	Cost
104	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using four track window frame of size 122.2x31.75mm. for bottom section 1.1mm thick, weight 1.205 kg/m; sides and top sections 1.2 mm. thick weight 1.093 kg/m; shutter section comprising top and bottom section of size 40mmx18mm wall thickness 1.25mm. weight 0.417 kg./m. shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. weight 0.469 kg/m; shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles, tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading including cutting to required length, joints mitred subdividing the frame, tenonned and rivetted in the assembled frame to be stiffened with end clips at corners, angles etc.; fixed to the walls, lintels, floor beams;cills, as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar; aluminium sections pretreated for removal of any rust and coated with greasy materials for non adhesion of mortar and other sticky materials; (this coating should be cleaned after installation) including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. using aluminium section anodized to 12 - 15 microns. Ground Floor	Sqm	36.04			36.04	4921.87	177384.31	36.04	177384.31

Sl No	Item Name	Unit	Estimate Quantity	Present Measurement		Present Measurement		Total Up to Date		
				Qty	Cost	Qty	Rate		Cost	Qty
105	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using four track window frame of size 122.2x31.75mm. for bottom section 1.1mm thick, weight 1.205 kg/m; sides and top sections 1.2 mm. thick weight 1.093 kg/m; shutter section comprising top and bottom section of size 40mmx18mm wall thickness 1.25mm. weight 0.417 kg./m, shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. weight 0.469 kg/m; shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles, tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading including cutting to required length, joints mitred subdividing the frame, tenonned and rivetted in the assembled frame to be stiffened with end clips at corners, angles etc.; fixed to the walls, lintels, floor beams;cills, as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar; aluminium sections pretreated for removal of any rust and coated with greasy materials for non adhesion of mortar and other sticky materials; (this coating should be cleaned after installation) including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. using aluminium section anodized to 12 - 15 microns. First Floor	Sqm	38.10			32.61	4927.76	160669.59	32.61	160669.59

Sl No	Item Name	Unit	Estimate Quantity		Measurement		Present Measurement		Total upto Date	
			Qty	Cost	Qty	Rate	Cost	Qty	Cost	Cost
106	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using four track window frame of size 122.2x31.75mm. for bottom section 1.1mm thick, weight 1.205 kg/m; sides and top sections 1.2 mm. thick weight 1.093 kg/m; shutter section comprising top and bottom section of size 40mmx18mm wall thickness 1.25mm. weight 0.417 kg./m, shutter sideouter 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. weight 0.469 kg/m; shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles, tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading including cutting to required length, joints mitred subdividing the frame, tenonned and rivetted in the assembled frame to be stiffened with end clips at corners, angles etc.; fixed to the walls, lintels, floor beams;cills, as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar; aluminium sections pretreated for removal of any rust and coated with greasy materials for non adhesion of mortar and other sticky materials; (this coating should be cleaned after installation) including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. using aluminium section anodized to 12 - 15 microns. Second Floor	Sqm	6.75		5.40	4933.65	26641.68	5.40	26641.68	26641.68
107	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggretes @ 0.43cum, with superplastiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Second Floor	Cum	70.38		70.38	6641.76	467447.24	70.38	467447.24	467447.24
108	Extra for use of water proofing compound in cement concrete of mix 1:1.5:3, @ 1kg of compound per Bag of cement.Second Floor	Cum	28.98		28.98	222.49	6447.78	28.98	6447.78	6447.78

Sl.No	Item Name	Unit	Estimate Quantity	Previous Measurement		Present Measurement		Total Data Data	
				Qty	Cost	Qty	Rate	Cost	Qty
109	Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 110 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications Rain Down Pipe	M	43.20			43.20	562.70	24308.71	43.20
110	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching , refilling & testing of joints complete. (external work). 25mm nominal OD pipes.CPVC Pipe	m	120.00			120.00	194.24	23308.56	120.00
111	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Gate Valve	Each	3.00			3.00	706.32	2118.96	3.00
112	Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Pg no:91.Item no13.25	Each	16.00			16.00	320.20	5123.17	16.00
113	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgf/sq.cm working pressure 140mm outsidiameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications	m	100.00			100.00	626.27	62627.04	100.00
114	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Water tank	Nos	1.00			1.00	9967.35	9967.35	1.00
115	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). 12.113.1 -do- 10cms x 7.5cms	Nos	6.00			6.00	294.30	1765.80	6.00

Sl.No	Item Name	Unit	Estimate Quantity		Bidding Measurement		Bidding Measurement		Qty	Rate	Cost	Qty	Rate	Cost
			Qty	Cost	Qty	Cost	Qty	Cost						
116	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25mm dia nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	2.00				2.00	713.38	1426.77	2.00	1426.77			1426.77
117	Constructing brick masonry inspection chamber 455x610mm, and 450mm depth , (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.	Each	4.00				4.00	8288.67	33154.66	4.00	33154.66			33154.66
118	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour, HOM of equipments and testing complete as per specifications. Water Meter	Set	1.00				1.00	1551.55	1551.55	1.00	1551.55			1551.55
119	Providing ,supplying & commissioning of 1.0H.P/75 kW (submersible single phase pump)of ATLANTA/SUGUNA/CRI/KIRLOSKAR/OTHER EQUIVALENT PUMPS	Nos	1.00				1.00	13799.40	13799.40	1.00	13799.40			13799.40
120	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.1 / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Each	6.00				6.00	6039.04	36234.22	6.00	36234.22			36234.22

Sl No	Item Name	Unit	Estimate Quantity		Measurement		Present Measurement		Total (Grand Total)	
			Qty	Cost	Qty	Rate	Cost	Qty	Cost	
121	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.1 I M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Unit	1.00		1.00	3411.90	3411.90	1.00	3411.90	
122	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications	Unit	4.00		4.00	1389.10	5556.38	4.00	5556.38	
123	Providing and fixing C.P. brass towel rail 600mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications.	Unit	4.00		4.00	835.81	3343.25	4.00	3343.25	
124	Concealed Conduit System Supplying heavy gauge PVC conduit pipe mm dia mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary. (19/20mm dia 2mm thick)	Mtr	435.00		435.00	46.87	20388.45	435.00	20388.45	
125	25mm dia 2mm thick	Mtr	260.00		260.00	62.13	16153.80	260.00	16153.80	
126	32mm dia 2.5mm thick	Mtr	125.00		125.00	98.10	12262.50	125.00	12262.50	
127	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete upto 50mm conduit in brick wall	Mtr	175.00		175.00	22.89	4005.75	175.00	4005.75	
128	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm etc. as required. 25mm	Mtr	120.00		120.00	28.34	3400.80	120.00	3400.80	
129	Supplying PVC/GI flexible conduit pipe....mm dia fixing on surface over inverted tapered wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and on either end of the pipe terminated completely 25mm	Mtr	25.00		25.00	32.70	817.50	25.00	817.50	
130	Supplying And Fixing Metal Fan Box with Round Hook.	Nos	28.00		28.00	100.28	2807.84	28.00	2807.84	